

Hofmann, F[riedrich] and Liebmann, B[ernhard].
HOT SWAGING OF URANIUM OXIDE FUEL ELE-
MENTS. Quarterly rept. no. 3, Jan-Mar 61, on Con-
tract EUR/V/2027/61 e. [1962] 15p.
Order from OTS or SLA \$1.60 EURAEC-60

Trans. of rept. from Nuklear-Chemie und -Metall-
lurgie G.m.b.H., Wolfgang bei Hanau a.M. (West
Germany) 17 May 61,

DESCRIPTORS: *Fuel elements, Uranium compounds,
Oxides, Powders, Production, Tests, Temperature

Activities consisted mainly in hot-swaging tests in the
450 to 900°C temperature range. The swaging densi-
ties thus achieved were, according to the UO₂ powder
used, from 4 to 7% above those obtained under com-
parable conditions by cold swaging. Powder prepared
by melting and grinding was successfully compacted
(Nuclear Physics--Nuclear Engineering, TT. v. 8,
no. 9) (over)

62-32158

- I. Hofmann, F.
- II. Liebmann, B.
- III. EURAEC-60
- IV. EURATOM (Belgium)

0226144

Office of Technical Services

Hofmann, Friedrich and Liebmann, Bernhard.
HOT SWAGING OF URANIUM OXIDE FUEL ELEMENTS. Quarterly rept. no. 2, 1 Aug-31 Oct 60, on Contract 011-60-5-RDA. [1962] 10p. Supersedes TID-12445.

Order from OTS or SLA \$1.10 EURAEC-9

Trans. of rept. from Nuclear-Chemie und -Metallurgie G.m.b.H., Wolfgang bei Hanau a.M. (West Germany) [1961].

DESCRIPTORS: *Fuel elements, Uranium compounds, Oxides, Powders, Production, Tests, Temperature

In the period under review, swaging experiments were made with the new powders, various intermediate annealings were tried, the reduction of the swaging density was investigated, hot-swaging experiments were started and further experiments with swaging heads of various shapes were prepared. (Author) (See also 62-32165)

62-32022

- I. Hofmann, F.
- II. Liebmann, B.
- III. EURAEC-9
- IV. EURATOM (Belgium)
- V. TID-12 445, superseded

0226141

(Nuclear Physics--Nuclear
Engineering, TT, v. 8, no. 9)
Office of Technical Services

Hofmann, Friedrich and Liebmann, Bernhard.
 THE PRODUCTION OF SPAGED OXIDE FUEL ELEMENTS. quarterly rept. no. 1, 1 May-30 July 60, on Contract 011-60-5-RDA. [19/2] 8p. 14 refs.
 TID-12 444.
 Order from OTR or SLA \$1.10 EURAEC-8

Trans. of rept. from Nuclear-Chemie und -Metallurgie GmbH, Wolfgang bei Hanau a.M. (West Germany) 29 Aug 60.

DESCRIPTION: Fuel elements. Aluminum oxide compounds. Uranium compounds. Oxides. Powders. Production. Tl. 4

Exam. the powder tests with muffle and ground the powder and compressed to 95% of its theoretical density. (Author)

(Nuclear Power - Reactor Engineering, Tl. 4)
 (Nuclear Power - Reactor Engineering, Tl. 4)
 (Nuclear Power - Reactor Engineering, Tl. 4)

62-32165

- I. Hofmann, F
- II. Liebmann, B
- III. EURAEC-8
- IV. EURATOM (Belgium)
- V. TID-12 444, superseded

C226145

Office of Technical Services

8 6
Psychopathology of Dimethyl-Tryptamine. Alcohol
Psychopharmacologic Contribution. Preliminary
Report, by O. G. Arnold, G. Hofmann, 7 pp.

GERMAN, Manuscript.

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Aug 59

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Paint Coating, Coating, and Foil Lamination
of Wide Strip, by G. Hoffmann, D. Oppen.
GERMAN, per, Bloch, Apr 1966, pp 167-173.
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G. Hoffmann

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Ext - Materials
Mar 67

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Extractions in Phenol-Removal Plants, *54*
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ATC 69-11300-07A

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July 69

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HERMAN, per
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GRIFFIN, JR., & SON PHOTOGRAPHIC AND DRYING,
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NASA TT F-10,263

G. Hoffmann

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Electrical Telemetering of Air and Soil
Temperature in a Mountain Forest, by A.
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Jun 62

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Vol 3, No 1

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Jul 55

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JPRS 47287

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conjunctivitis, by H. Hofmann, M. Presinger, 31 pp.

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SLA-TT-66-11680

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Aug 66

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For the Research Project "Visibility of Aircraft" of
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from Nov. 1961, to Dec 1962.

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9 refs.
Order from SLA \$1.60

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p. 126-133.

DESCRIPTORS: *Dehydration, *Cooling, *Carbohy-
drates, Pneumatic devices, Conveyors, Manufacturing
methods, Food

(Food, IT, v. 10, no. 4)

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1. Hoffmann, H. -J.

Office of Technical Services

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EE-E Germany

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DA 11-6-16188

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(G. Germany)

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NLL Ref:8036.625 (trans 226)

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ECar - Germany
Econ - Transportation
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EEur - Czechoslovakia

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Sci - Chemistry; Biology

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Sci - Biology; Chemistry
Jan 57 CTS

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Jan 57 CTS

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FORMS, INCLUDING GLASS. [1963] 25p. 15 refs.
Order from SLA \$2.60

63-18129

Trans. of Sprechsaal (Germany) 1940, v. 73, 2 May,
p. 153-157.

DESCRIPTORS: *Glass, *Silicates, *Uranium, Detec-
tion, Quantitative analysis, Fluorescence, Intensity

A report is given on the detection of small quantities of
uranium. The method used enables the estimation of
uranium quantities up to 10^{-11} and the determination of
quantities from 10^{-6} to 10^{-9} directly from the fluores-
cence intensity. By means of dilutions that may be em-
ployed, the method also enables uranium quantities to
be determined up to and beyond the limit of the usual
gravimetric determination. The Herwegger-Karlík
(Chemistry--Analytical, TT, v. 10, no. 11) (over)

63-18129

1. Hoffmann, J.

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Office of Technical Services

K. Hoffman

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K. Hoffmann, 14 pp.

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S.L.A. Tr 1005/1956

Sci - Biology

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K. A. HOFMANN

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T 3830A
P 22038 b

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(DC-4535)

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JPRS 6188

EEur - Sino-Soviet Bloc
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XSci - Biol, Engr
Jul 62

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SIA 60-01295

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SLA 57-2980

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SLA 58-22

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SLA Tr 57-685

Sci - Biology; Medicine
Sep 57

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S.L.A. No 348/1956

Scientific - Biological

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ASLIB-GB85

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MAY 59
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Central Stimulating Action of a New Piperidine
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Sci - Med

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Jul 57

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POTASSIUM PERCHLORATE AND A NEW DETER-
MINATION OF THE HEAT OF REACTION. [1961]
12p. (3 graphs omitted) 8 refs.
Order from SLA \$1.60

62-10604

Trans. of Akad[emie der] Wis[senschaften, Göttingen.
Math[ematisch]-Physik[alische] Klasse. [Nachrichten]
(Germany) 1932, p. 448ff.

DESCRIPTORS: Potassium compounds, Perchlorates,
Decomposition, Heat of reaction.

(Unannounced)

62-10604

1. Hofmann, K. A.

Office of Technical Services

61-22903

Hofmann, K. A.

OXYGEN TRANSFER BY MEANS OF OSMIUM
TETROXIDE AND THE ACTIVATION OF CHLORATE
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Order from ATS \$10. 30

ATS-06N52G

Trans. of Chem[ische] Ber[ichte] (West Germany)
1912, v. 45, p. 3329-3336.

DESCRIPTORS: *Oxygen, *Osmium compounds,
Oxides, *Chlorates, Solutions.

(Unannounced)

I. Hofmann, K. A.

II. ATS-06N52G

III. Associated Technical
Services, Inc., East Orange,
N. J.

Office of Technical Services

Investigation of Bituminous-Tar Pitches By
Solvent Etching, by A. H. Mallison,
K. K. Hofmann.

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Z 1958, pp 161-163.

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Sci
Feb 62
Vol III, No 11

182,791

Hoffmann, Karl.
DEVICE WITH STRAIN GAGES FOR THE MEASURE-
MENT OF FORCES. [1963] 5p
Order from ATS \$7.50

ATS-96Q72G

Trans. of German printed patent application 1,067,241,
filed 20 Feb 59, opened for public inspection and pub.
15 Oct 59, by Carl Schenck Maschinenfabrik G. m. b. H.

DESCRIPTORS: *Strain gages, Extensometers,
Deformation, Stresses

(Mechanics, TT, v. 11, no. 4)

TT-64-12083

- I. Hoffmann, K.
- II. Patent (Germany)
1 067 241
- III. ATS-96Q72G
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Device for Measurement and/or Control of the
Level of Glass-In Glass-Melting Furnaces or
Similar Devices, by Gustav Becker, Karl-Heinz
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GERMAN, patent, 1,019, 805, G 17813, IVc/32a,
appl. 18 Aug 55, pub. of appl, and issue of
pat. 21 Nov 57, by Glaswerke Ruhr Aktiengesellschaft,

SLA 59-17091

Sci Mar 60 Vol 2, No 11

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On Some Problems of Gel'fand, by
Kenneth Hoffman, I. M. Singer.

RUSSIAN, per, Uspekhi Matemat Nauk, Vol XIV,
No 3(87), 1957, pp 99-114.

Amer Math Soc

Sci-Math

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